

[illegible]

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
CbC3:										
Cateache-----	4A	Slight	Slight	Slight	Slight	Moderate	black cherry-----	80	57.00	Norway spruce,
							cucumbertree-----	80	---	black cherry,
							northern red oak----	80	57.00	black locust
Berks-----	4F	Slight	Slight	Moderate	Slight	Moderate	Virginia pine-----	70	114.00	Japanese larch,
							black oak-----	70	57.00	Norway spruce,
							northern red oak----	70	57.00	Virginia pine,
										eastern white pine, red pine
Other Soils-----	---	---	---	---	---	---	---	---	---	---
CbD:										
Cateache-----	4R	Moderate	Moderate	Slight	Slight	Moderate	black cherry-----	80	57.00	Norway spruce,
							cucumbertree-----	80	---	black cherry,
							northern red oak----	80	57.00	black locust
Berks-----	4F	Moderate	Moderate	Moderate	Slight	Moderate	Virginia pine-----	70	114.00	Japanese larch,
							black oak-----	70	57.00	Norway spruce,
							northern red oak----	70	57.00	Virginia pine,
										eastern white pine, red pine
Other Soils-----	---	---	---	---	---	---	---	---	---	---
CbD3:										
Cateache-----	4R	Moderate	Moderate	Slight	Slight	Moderate	black cherry-----	80	57.00	Norway spruce,
							cucumbertree-----	80	---	black cherry,
							northern red oak----	80	57.00	black locust
Berks-----	4F	Moderate	Moderate	Moderate	Slight	Moderate	Virginia pine-----	70	114.00	Japanese larch,
							black oak-----	70	57.00	Norway spruce,
							northern red oak----	70	57.00	Virginia pine,
										eastern white pine, red pine
Other Soils-----	---	---	---	---	---	---	---	---	---	---
CbF:										
Cateache-----	4R	Severe	Severe	Slight	Slight	Moderate	black cherry-----	80	57.00	Norway spruce,
							cucumbertree-----	80	---	black cherry,
							northern red oak----	80	57.00	black locust

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equipment limitation	Seedling mortality	Wind-throw hazard	Plant competition	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
Berks-----	4R	Severe	Severe	Moderate	Slight	Moderate	Virginia pine----- black oak----- northern red oak----	70 70 70	114.00 57.00 57.00	Japanese larch, Norway spruce, Virginia pine, eastern white pine, red pine
Other Soils-----	---	---	---	---	---	---	---	---	---	---
CbF3: Cateache-----	4R	Severe	Severe	Slight	Slight	Moderate	black cherry----- cucumbertree----- northern red oak----	80 80 80	57.00 --- 57.00	Norway spruce, black cherry, black locust
Berks-----	4R	Severe	Severe	Moderate	Slight	Moderate	Virginia pine----- black oak----- northern red oak----	70 70 70	114.00 57.00 57.00	Japanese larch, Norway spruce, Virginia pine, eastern white pine, red pine
Other Soils-----	---	---	---	---	---	---	---	---	---	---
CkD: Cateache-----	4R	Moderate	Moderate	Slight	Slight	Moderate	black cherry----- cucumbertree----- northern red oak----	80 80 80	57.00 --- 57.00	Norway spruce, black cherry, black locust
Berks-----	4F	Moderate	Moderate	Moderate	Slight	Moderate	Virginia pine----- black oak----- northern red oak----	70 70 70	114.00 57.00 57.00	Japanese larch, Norway spruce, Virginia pine, eastern white pine, red pine
Other Soils-----	---	---	---	---	---	---	---	---	---	---
CkF: Cateache-----	4R	Severe	Severe	Slight	Slight	Moderate	black cherry----- cucumbertree----- northern red oak----	80 80 80	57.00 --- 57.00	Norway spruce, black cherry, black locust
Berks-----	4R	Severe	Severe	Moderate	Slight	Moderate	Virginia pine----- black oak----- northern red oak----	70 70 70	114.00 57.00 57.00	Japanese larch, Norway spruce, Virginia pine, eastern white pine, red pine

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
Other Soils-----	---	---	---	---	---	---	---	---	---	---
ClD: Caneyville-----	4C	Severe	Moderate	Slight	Slight	Severe	black oak----- eastern redcedar---- hickory----- sugar maple----- white ash----- white oak----- yellow poplar-----	71 46 --- --- 72 64 90	57.00 57.00 --- --- 43.00 43.00 86.00	eastern white pine, northern red oak, white ash, white oak, yellow poplar
ClF: Caneyville-----	4R	Severe	Severe	Slight	Slight	Severe	black oak----- eastern redcedar---- hickory----- sugar maple----- white ash----- white oak----- yellow poplar-----	71 46 --- --- 72 64 90	57.00 57.00 --- --- 43.00 43.00 86.00	eastern white pine, northern red oak, white ash, white oak, yellow poplar
Cm: Chagrín-----	5A	Slight	Slight	Slight	Slight	Severe	black cherry----- black walnut----- northern red oak---- sugar maple----- white ash----- white oak----- yellow poplar-----	--- --- 86 86 --- --- 96	--- --- 72.00 57.00 --- --- 100.00	black walnut, eastern white pine, northern red oak, red pine, white ash, white oak, yellow poplar
Holly-----	---	---	---	---	---	---	---	---	---	---
CnD: Clymer-----	4R	Slight	Moderate	Slight	Slight	Moderate	eastern white pine-- northern red oak---- yellow poplar-----	--- 83 95	--- 57.00 100.00	Virginia pine, black cherry, eastern white pine, yellow poplar
Gilpin-----	4R	Moderate	Moderate	Slight	Slight	Moderate	northern red oak---- yellow poplar-----	80 95	57.00 100.00	Japanese larch, Virginia pine, black cherry, eastern white pine, yellow poplar

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber cu ft/ac	
Other Soils-----	---	---	---	---	---	---	---	---	---	---
CnF: Clymer-----	4R	Moderate	Severe	Slight	Slight	Moderate	eastern white pine-- northern red oak---- yellow poplar-----	--- 83 95	--- 57.00 100.00	Virginia pine, black cherry, eastern white pine, yellow poplar
Gilpin-----	4R	Severe	Severe	Slight	Slight	Moderate	northern red oak---- yellow poplar-----	80 95	57.00 100.00	Japanese larch, Virginia pine, black cherry, eastern white pine, yellow poplar
Other Soils-----	---	---	---	---	---	---	---	---	---	---
CtC: Coolville-----	4C	Moderate	Slight	Slight	Slight	Severe	black cherry----- black oak----- sugar maple----- white ash----- white oak----- yellow poplar-----	--- 68 --- --- --- 68	--- 57.00 --- --- --- 57.00	eastern white pine, northern red oak, red pine, white ash, white oak, yellow poplar
Latham-----	3C	Slight	Severe	Slight	Severe	Severe	Virginia pine----- black oak----- northern red oak---- shortleaf pine----- white oak-----	--- --- 63 --- ---	--- --- 43.00 --- ---	Virginia pine, eastern white pine, northern red oak, white ash, white oak
Other Soils-----	---	---	---	---	---	---	---	---	---	---
CtD: Coolville-----	4R	Moderate	Moderate	Slight	Slight	Severe	black cherry----- black oak----- sugar maple----- white ash----- white oak----- yellow poplar-----	--- 68 --- --- --- ---	--- 57.00 --- --- --- ---	eastern white pine, northern red oak, red pine, white ash, white oak, yellow poplar

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
Latham-----	3R	Moderate	Severe	Slight	Severe	Severe	Virginia pine----- black oak----- northern red oak---- white oak-----	--- --- 59 ---	--- --- 43.00 ---	Virginia pine, eastern white pine, northern red oak, shortleaf pine, white ash, white oak
Other Soils-----	---	---	---	---	---	---	---	---	---	---
CuF: Culleoka-----	---	---	---	---	---	---	---	---	---	---
DeC: Dekalb-----	3F	Slight	Slight	Moderate	Slight	Moderate	northern red oak----	57	43.00	Austrian pine, Japanese larch, Virginia pine, eastern white pine, red pine
DeD: Dekalb-----	2F	Moderate	Moderate	Moderate	Slight	Moderate	northern red oak----	52	29.00	Norway spruce, Virginia pine, eastern white pine, white spruce
DgD: Dekalb-----	2F	Moderate	Moderate	Moderate	Moderate	Moderate	northern red oak----	52	29.00	Norway spruce, Virginia pine, eastern white pine, white spruce
Gilpin-----	4R	Moderate	Moderate	Slight	Slight	Moderate	northern red oak---- yellow poplar-----	80 95	57.00 100.00	Japanese larch, Virginia pine, black cherry, eastern white pine, yellow poplar
Jefferson Stony-----	5R	Moderate	Moderate	Slight	Slight	Severe	cucumbertree----- northern red oak---- shortleaf pine----- white oak----- yellow poplar-----	--- 85 --- --- 108	--- 57.00 --- --- 114.00	eastern white pine, shortleaf pine, white oak, yellow poplar

Table E2.--Forestland Management and Productivity--Continued

[illegible]

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber cu ft/ac	
ErC: Ernest-----	4W	Moderate	Moderate	Slight	Slight	Moderate	black cherry----- black walnut----- northern red oak---- sugar maple----- white ash----- yellow poplar-----	80 --- 80 80 80 89	57.00 --- 57.00 57.00 57.00 86.00	Japanese larch, Norway spruce, eastern white pine
Atkins-----	---	---	---	---	---	---	---	---	---	---
ErD: Ernest-----	4W	Severe	Moderate	Slight	Slight	Moderate	black cherry----- black walnut----- northern red oak---- sugar maple----- white ash----- yellow poplar-----	80 --- 80 80 80 89	57.00 --- 57.00 57.00 57.00 86.00	Japanese larch, Norway spruce, eastern white pine
EuC: Ernest-----	4W	Slight	Moderate	Slight	Slight	Severe	black cherry----- black walnut----- northern red oak---- sugar maple----- white ash----- yellow poplar-----	80 --- 80 80 80 89	57.00 --- 57.00 57.00 57.00 86.00	Japanese larch, Norway spruce, eastern white pine
Atkins-----	---	---	---	---	---	---	---	---	---	---
Buchanan Stony-----	4A	Slight	Slight	Slight	Slight	Moderate	northern red oak---- yellow poplar-----	80 90	57.00 86.00	European larch, eastern white pine, northern red oak, sugar maple, yellow poplar
EuD: Ernest-----	4W	Moderate	Moderate	Slight	Slight	Moderate	black cherry----- black walnut----- northern red oak---- sugar maple----- white ash----- yellow poplar-----	80 --- 80 80 80 89	57.00 --- 57.00 57.00 57.00 86.00	Japanese larch, Norway spruce, eastern white pine

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
Buchanan Stony-----	4R	Moderate	Moderate	Slight	Slight	Severe	northern red oak---- yellow poplar-----	80 90	57.00 86.00	European larch, eastern white pine, northern red oak, sugar maple, yellow poplar
Other Soils-----	---	---	---	---	---	---	---	---	---	---
FcD: Frederick-----	---	---	---	---	---	---	---	---	---	---
FcF: Frederick-----	---	---	---	---	---	---	---	---	---	---
FkC: Frederick-----	4C	Slight	Moderate	Slight	Slight	Severe	black locust----- black walnut----- northern red oak---- white oak----- yellow poplar-----	80 76 76 76 86	57.00 57.00 57.00 57.00 86.00	Scotch pine, black walnut, eastern white pine, yellow poplar
FrC: Frederick-----	4C	Slight	Moderate	Moderate	Slight	Severe	black locust----- black walnut----- northern red oak---- white oak----- yellow poplar-----	80 76 76 76 86	57.00 57.00 57.00 57.00 86.00	Scotch pine, black walnut, eastern white pine, yellow poplar
FrD: Frederick-----	---	---	---	---	---	---	---	---	---	---
FrF: Frederick-----	---	---	---	---	---	---	---	---	---	---
GaB: Gilpin-----	4A	Slight	Slight	Slight	Slight	Moderate	northern red oak---- yellow poplar-----	80 95	57.00 100.00	Japanese larch, Virginia pine, black cherry, eastern white pine, yellow poplar

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
GaC: Gilpin-----	4A	Slight	Slight	Slight	Slight	Moderate	northern red oak---- yellow poplar-----	80 57.00 95 100.00		Japanese larch, Virginia pine, black cherry, eastern white pine, yellow poplar
GaD: Gilpin-----	4R	Moderate	Moderate	Slight	Slight	Moderate	northern red oak---- yellow poplar-----	80 57.00 95 100.00		Japanese larch, Virginia pine, black cherry, eastern white pine, yellow poplar
GbC: Gilpin-----	4A	Slight	Slight	Slight	Slight	Moderate	northern red oak---- yellow poplar-----	80 57.00 95 100.00		Japanese larch, Virginia pine, black cherry, eastern white pine, yellow poplar
Berks-----	4F	Slight	Slight	Moderate	Slight	Moderate	Virginia pine----- black oak----- northern red oak----	70 114.00 70 57.00 70 57.00		Japanese larch, Norway spruce, Virginia pine, eastern white pine, red pine
Other Soils-----	---	---	---	---	---	---	---	---	---	---
GbC3: Gilpin-----	4A	Slight	Slight	Slight	Slight	Moderate	northern red oak---- yellow poplar-----	80 57.00 95 100.00		Japanese larch, Virginia pine, black cherry, eastern white pine, yellow poplar

Table E2.--Forestland Management and Productivity--Continued

[illegible]

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
GbF:										
Berks-----	4R	Severe	Severe	Moderate	Slight	Moderate	Virginia pine-----	70	114.00	Japanese larch,
							black oak-----	70	57.00	Norway spruce,
							northern red oak----	70	57.00	Virginia pine,
										eastern white
										pine, red pine
Gilpin-----	4R	Severe	Severe	Slight	Slight	Moderate	northern red oak----	80	57.00	Japanese larch,
							yellow poplar-----	95	100.00	Virginia pine,
										black cherry,
										eastern white
										pine, yellow
										poplar
Other Soils-----	---	---	---	---	---	---	---	---	---	---
GbF3:										
Berks-----	4R	Severe	Severe	Moderate	Slight	Moderate	Virginia pine-----	70	114.00	Japanese larch,
							black oak-----	70	57.00	Norway spruce,
							northern red oak----	70	57.00	Virginia pine,
										eastern white
										pine, red pine
Gilpin-----	4R	Severe	Severe	Slight	Slight	Moderate	northern red oak----	80	57.00	Japanese larch,
							yellow poplar-----	95	100.00	Virginia pine,
										black cherry,
										eastern white
										pine, yellow
										poplar
Other Soils-----	---	---	---	---	---	---	---	---	---	---
JsD:										
Jefferson-----	5R	Moderate	Moderate	Slight	Slight	Severe	cucumbertree-----	---	---	eastern white pine,
							northern red oak----	85	72.00	shortleaf pine,
							shortleaf pine-----	---	---	white oak, yellow
							white oak-----	---	---	poplar
							yellow poplar-----	108	114.00	

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
JsF: Jefferson-----	5R	Severe	Severe	Slight	Slight	Severe	cucumbertree----- northern red oak---- shortleaf pine----- white oak----- yellow poplar-----	--- 85 --- --- 108	--- 72.00 --- --- 114.00	eastern white pine, shortleaf pine, white oak, yellow poplar
Ka: Kanawha-----	4A	Slight	Slight	Slight	Slight	Severe	black locust----- black oak----- black walnut----- northern red oak---- white ash----- white oak----- yellow poplar-----	--- 80 --- 80 80 80 90	--- 57.00 --- 57.00 57.00 57.00 86.00	Norway spruce, black locust, black walnut, eastern white pine, yellow poplar
LdF: Lehew-----	3R	Severe	Severe	Severe	Slight	Moderate	Virginia pine----- eastern white pine-- northern red oak----	60 --- 67	86.00 --- 43.00	Japanese larch, Virginia pine, eastern white pine
Dekalb-----	2R	Moderate	Moderate	Moderate	Slight	Moderate	northern red oak----	52	29.00	Norway spruce, Virginia pine, eastern white pine, white spruce
Other Soils-----	---	---	---	---	---	---	---	---	---	---
LlB: Lily-----	4A	Slight	Slight	Slight	Slight	Slight	Virginia pine----- black oak----- chestnut oak----- hickory----- red maple----- scarlet oak----- shortleaf pine----- southern red oak---- white oak----- yellow poplar-----	72 --- 74 --- --- 64 63 65 69 89	114.00 --- 57.00 --- --- 43.00 100.00 43.00 57.00 86.00	Virginia pine, eastern white pine, northern red oak, shortleaf pine, white oak, yellow poplar

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber cu ft/ac	
LlC: Lily-----	4A	Slight	Slight	Slight	Slight	Slight	Virginia pine----- black oak----- chestnut oak----- hickory----- northern red oak---- red maple----- scarlet oak----- shortleaf pine----- white oak----- yellow poplar-----	72 --- 74 --- 65 --- 64 63 69 89	114.00 --- 57.00 --- 43.00 --- 43.00 100.00 57.00 86.00	Virginia pine, eastern white pine, northern red oak, shortleaf pine, white oak, yellow poplar
LlD: Lily-----	4A	Moderate	Moderate	Slight	Slight	Slight	Virginia pine----- black oak----- chestnut oak----- hickory----- northern red oak---- red maple----- scarlet oak----- shortleaf pine----- white oak----- yellow poplar-----	72 --- 74 --- 65 --- 64 63 69 89	114.00 --- 57.00 --- 43.00 --- 43.00 100.00 57.00 86.00	Virginia pine, eastern white pine, northern red oak, shortleaf pine, white oak, yellow poplar
Lo: Lobdell-----	5A	Slight	Slight	Slight	Slight	Severe	black cherry----- northern red oak---- sugar maple----- white ash----- white oak----- yellow poplar-----	--- 87 --- --- --- 96	--- 72.00 --- --- --- 100.00	eastern white pine, northern red oak, red pine, white ash, white oak, yellow poplar
Holly-----	---	---	---	---	---	---	---	---	---	---
MgB: Monongahela-----	4A	Slight	Slight	Slight	Slight	Severe	Virginia pine----- black walnut----- eastern white pine-- northern red oak---- white ash----- yellow poplar-----	66 --- 72 70 --- 85	100.00 --- 129.00 57.00 --- 86.00	Japanese larch, Virginia pine, black cherry, eastern white pine, yellow poplar

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber	
MgC: Monongahela-----	4A	Moderate	Slight	Slight	Slight	Severe	Virginia pine----- black walnut----- eastern white pine-- northern red oak---- white ash----- yellow poplar-----	66 --- 72 70 --- 85	100.00 --- 129.00 57.00 --- 86.00	Japanese larch, Virginia pine, black cherry, eastern white pine, yellow poplar
MsD: Murrill-----	4R	Moderate	Moderate	Slight	Slight	Severe	black walnut----- eastern white pine-- northern red oak---- white ash----- yellow poplar-----	--- 80 72 70 94	--- 143.00 57.00 43.00 100.00	Japanese larch, Norway spruce, black walnut, eastern white pine, yellow poplar
MsF: Murrill-----	4R	Severe	Severe	Slight	Slight	Severe	black walnut----- eastern white pine-- northern red oak---- white ash----- yellow poplar-----	--- 80 72 70 94	--- 143.00 57.00 43.00 100.00	Japanese larch, Norway spruce, black walnut, eastern white pine, yellow poplar
MuC: Murrill-----	4A	Slight	Slight	Slight	Slight	Severe	black walnut----- eastern white pine-- northern red oak---- white ash----- yellow poplar-----	--- 80 72 70 94	--- 143.00 57.00 43.00 100.00	Japanese larch, Norway spruce, black walnut, eastern white pine, yellow poplar
MuD: Murrill-----	4R	Moderate	Moderate	Slight	Slight	Severe	black walnut----- eastern white pine-- northern red oak---- white ash----- yellow poplar-----	--- 80 72 70 94	--- 143.00 57.00 43.00 100.00	Japanese larch, Norway spruce, black walnut, eastern white pine, yellow poplar

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
Oa: Orrville-----	5A	Slight	Slight	Slight	Slight	Severe	black cherry----- northern red oak---- pin oak----- sugar maple----- white ash----- white oak----- yellow poplar-----	--- 80 85 80 --- --- 90	--- 57.00 72.00 57.00 --- --- 86.00	Norway spruce, Scotch pine, eastern white pine, green ash, northern red oak, red pine, white ash, white oak, white spruce, yellow poplar
Holly-----	---	---	---	---	---	---	---	---	---	---
Ob: Orrville-----	5A	Slight	Slight	Slight	Slight	Severe	black cherry----- northern red oak---- pin oak----- sugar maple----- white ash----- white oak----- yellow poplar-----	--- 80 85 80 --- --- 90	--- 57.00 72.00 57.00 --- --- 86.00	Norway spruce, Scotch pine, eastern white pine, green ash, northern red oak, red pine, white ash, white oak, white spruce, yellow poplar
Lobdell-----	5A	Slight	Slight	Slight	Slight	Severe	black cherry----- northern red oak---- sugar maple----- white ash----- white oak----- yellow poplar-----	--- 87 --- --- --- 96	--- 72.00 --- --- --- 100.00	eastern white pine, northern red oak, red pine, white ash, white oak, yellow poplar
Other Soils-----	---	---	---	---	---	---	---	---	---	---
Holly-----	---	---	---	---	---	---	---	---	---	---
ShB: Shouns-----	4A	Slight	Slight	Slight	Slight	Severe	eastern white pine-- loblolly pine----- northern red oak---- yellow poplar-----	80 80 70 90	143.00 114.00 57.00 86.00	eastern white pine, loblolly pine, shortleaf pine, yellow poplar

Table E2.--Forestland Management and Productivity--Continued

[illegible]

Table E2.--Forestland Management and Productivity--Continued

[illegible]

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
Other Soils-----	---	---	---	---	---	---	---	---	---	---
Gilpin-----	4R	Moderate	Moderate	Slight	Slight	Moderate	northern red oak----	80	57.00	Japanese larch, Virginia pine, black cherry, eastern white pine, yellow poplar
							yellow poplar-----	95	100.00	
Berks-----	4F	Moderate	Moderate	Moderate	Slight	Moderate	Virginia pine-----	70	114.00	Japanese larch, Norway spruce, Virginia pine, eastern white pine, red pine
							black oak-----	70	57.00	
							northern red oak----	70	57.00	
ULC:										
Urban Land-----	---	---	---	---	---	---	---	---	---	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---
Lily-----	4A	Slight	Slight	Slight	Slight	Slight	Virginia pine-----	72	114.00	Virginia pine, eastern white pine, northern red oak, shortleaf pine, white oak, yellow poplar
							black oak-----	---	---	
							chestnut oak-----	74	57.00	
							hickory-----	---	---	
							northern red oak----	65	43.00	
							red maple-----	---	---	
							scarlet oak-----	64	43.00	
							shortleaf pine-----	63	100.00	
							white oak-----	69	57.00	
							yellow poplar-----	89	86.00	
UmD:										
Urban Land-----	---	---	---	---	---	---	---	---	---	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---
Murrill-----	4R	Moderate	Moderate	Slight	Slight	Severe	black walnut-----	---	---	Japanese larch, Norway spruce, black walnut, eastern white pine, yellow poplar
							eastern white pine--	80	143.00	
							northern red oak----	72	57.00	
							white ash-----	70	43.00	
							yellow poplar-----	94	100.00	

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
Uo: Urban Land-----	---	---	---	---	---	---	---	---	---	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---
Orrville-----	5A	Slight	Slight	Slight	Slight	Severe	black cherry----- northern red oak---- pin oak----- sugar maple----- white ash----- white oak----- yellow poplar-----	--- 80 85 80 --- --- 90	--- 57.00 72.00 57.00 --- --- 86.00	Norway spruce, Scotch pine, eastern white pine, green ash, northern red oak, red pine, white ash, white oak, white spruce, yellow poplar
Lobdell-----	5A	Slight	Slight	Slight	Slight	Severe	black cherry----- northern red oak---- sugar maple----- white ash----- white oak----- yellow poplar-----	--- 87 --- --- --- 96	--- 72.00 --- --- --- 100.00	eastern white pine, northern red oak, red pine, white ash, white oak, yellow poplar
W: Water-----	---	---	---	---	---	---	---	---	---	---
WeC: Westmoreland-----	4A	Moderate	Slight	Slight	Slight	Severe	eastern white pine-- northern red oak---- yellow poplar-----	70 75 85	129.00 57.00 86.00	Virginia pine, eastern white pine, yellow poplar
WeD: Westmoreland-----	4R	Severe	Moderate	Slight	Slight	Severe	eastern white pine-- northern red oak---- yellow poplar-----	75 81 90	143.00 57.00 86.00	black walnut, eastern white pine, yellow poplar
WeF: Westmoreland-----	4R	Severe	Severe	Slight	Slight	Severe	eastern white pine-- northern red oak---- yellow poplar-----	75 81 90	143.00 57.00 86.00	black walnut, eastern white pine, yellow poplar